

03 MAY 2001

PATENT

10-10-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Joachim Pöhler, et al.
FOR : **METHOD FOR REPROCESSING WASTE
OILS, BASE OILS OBTAINED ACCORDING
TO SAID METHOD AND USE THEREOF**
SERIAL NO. : Unknown
FILED : Herewith
ATTORNEY DOCKET NO.: HMN 2 0016
Cleveland, Ohio 44114-2518
May 3, 2001

PRELIMINARY AMENDMENT

Assistant Commissioner For Patents
Washington, D.C. 20231

Dear Sir:

Prior to calculation of the filing fee and substantive examination of the above-referenced patent application, Applicants respectfully request amendment of the application as follows. A clean copy of the claims appears below and a marked-up version is attached as an appendix.

IN THE CLAIMS:

1. Method for reprocessing waste oils and production of high-grade base oils, comprising the following steps:

A) distillation of the waste oil for removal of low boiling organic fractions and removal of water;

B) distillation under vacuum of the waste oil obtained according to step A) for segregation of fuel oil and diesel fractions with boiling cut of about 170 to 385°C in form of high grade fuel oils;

C) non-destructive distillation of the distillation residue from step B) by means of thin film evaporation in high vacuum to obtain a lubricating oil fraction with a standard viscosity range, which can be separated, as needed, via a subsequent distillative fractioning step, optionally under vacuum, into boiling cuts of different viscosity states;